Framing the Challenge

Journey From Raw Data to Actionable insights with Arcade
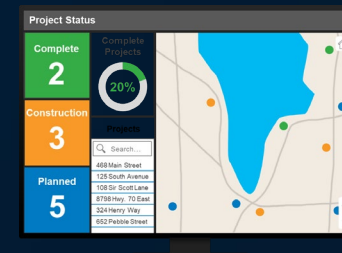

Raw Data

Arcade Expressions & Logic

- The problem:
  - Raw data ≠ actionable insights
  - Attributes often incomplete or not decision-ready
  - Editing source data = duplication, risk, overhead
- Key idea:
  - *"We don't always need new data — we need smarter ways to tailor the data we already have."*

Runtime actionable Insights

Dynamic Intelligence for Your Data

From raw data → to tailored insights

ArcGIS Pro

ArcGIS Quick Capture

ArcGIS Online Map Viewer

ArcGIS Velocity

ArcGIS Maps SDK for JavaScript

ArcGIS GeoAnalytics Engine

ArcGIS Maps SDK for Native Apps

ArcGIS Field Maps

ArcGIS Dashboards

Arcade makes your maps smarter — without changing your source data.
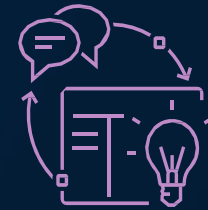
Approach - Runtime Processing with Arcade

- **Dynamic, not destructive:**
  - Create derived attributes on the fly
  - Symbolize & label based on conditions
  - Build rich, story-driven pop-ups
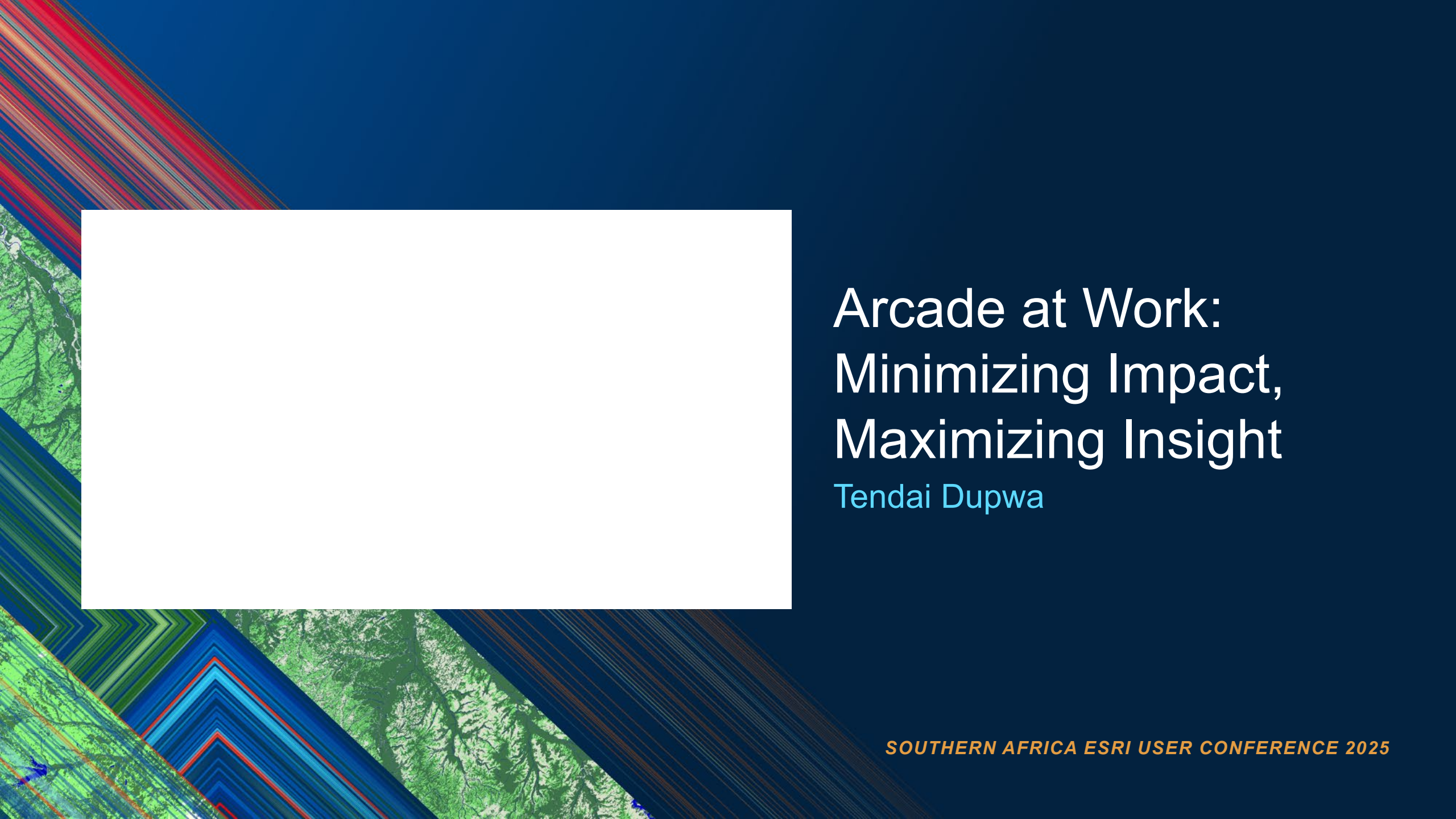 - Runtime analysis & calculations

Arcade Expressions

Arcade AI Assistant

Web Maps

Arcade at Work: Minimizing Impact, Maximizing Insight

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